

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A device to eliminate trimmings or scraps ~~(Rft, Rfc)~~ from series of products ~~(R)~~, comprising:

- a path ~~(12)~~ for the products, extending from a product and ~~trimming~~ trimmings entry position and a product delivery position, the trimmings being removed between said ~~two positions~~ entry position and said delivery position;

- along said path, a movable flexible member ~~(3)~~ to retain and move the products and the trimmings and an opposite longitudinal fixed element ~~(13)~~ to retain said trimmings ~~(R)~~ extending along said path parallel to a first branch of said flexible member, at a distance from ~~it~~ said first branch of said flexible member to allow the products to advance in contact with said flexible member and with said fixed longitudinal element;

- at least ~~a~~ one pusher ~~(15)~~ movable along a feed trajectory, to feed the series of products with the ~~respective~~ trimmings to said path ~~(12)~~;  
~~characterized in that:~~ wherein the pusher feeds the products and the trimmings between said flexible member and said fixed longitudinal element; and ~~in that the~~ wherein said feed trajectory of the pusher intersects the path of the

products between said flexible member ~~(3)~~ and said fixed longitudinal element ~~(13)~~, overlapping in ~~the~~ a final stretch of the path of the products in contact with said flexible member and said fixed longitudinal element.

2. (Currently Amended) Device as claimed in claim 1, ~~characterized in that~~ wherein said products are rolls of wound web material and said trimmings are head and tail trimmings produced by cutting rolls or logs ~~(R)~~.

3. (Currently Amended) Device as claimed in claim 1 ~~or 2, characterized in that,~~ wherein said fixed longitudinal element is at a lower height than said flexible member.

4. (Currently Amended) Device as claimed in claim 1, ~~2 or 3 characterized in that said~~ wherein said at least one pusher ~~(15)~~ has a slot ~~(15C)~~ inside which said fixed longitudinal element penetrates during ~~the~~ movement with which the pusher feeds the series of products to said path between the flexible member and the fixed longitudinal element.

5. (Currently Amended) Device as claimed in ~~at least~~ claim 3, ~~characterized in that~~ wherein said first branch of the flexible member is approximately vertically overlapping said fixed longitudinal element.

6. (Currently Amended) Device as claimed in ~~at least~~ ~~claims 2 and 5, characterized in that~~ claim 2, wherein the

distance between the fixed longitudinal element ~~(13)~~ and the first branch of the flexible member ~~(3)~~ is substantially equal to ~~the~~ a diameter of the rolls.

7. (Currently Amended) Device as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 1, wherein said flexible member extends upstream of said fixed longitudinal element, in relation to ~~the~~ a direction of feed of the products ~~(R)~~.

8. (Currently Amended) Device as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 1, wherein said flexible member has a feed speed, along said path, greater than ~~the~~ a feed speed imparted on the products by said at least one pusher.

9. (Currently Amended) Device as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 1, wherein the distance between the flexible member and the fixed longitudinal element is adjustable.

10. (Currently Amended) Device as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 1, wherein said flexible member defines two adjacent supporting areas for each of said products, said areas being parallel to ~~the~~ a direction of feed of said products.

11. (Currently Amended) Device as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 1, wherein said flexible member comprises at least a belt.

12. (Currently Amended) Device as claimed in ~~claims 10 and 11, characterized in that~~ claim 11, wherein said belt has two parallel lips ~~(3A, 3B)~~ defining ~~said~~ two adjacent supporting lines for the products.

13. (Currently Amended) Device as claimed in ~~claims 10 and 11, characterized in that~~ claim 1, wherein said flexible member comprises two parallel belts, each belt forming one of ~~the~~ two supporting lines.

14. (Currently Amended) Device as claimed in claim 13, ~~characterized in that~~ wherein said two parallel belts are positioned symmetrically in relation to a vertical plane parallel to said fixed longitudinal element.

15. (Currently Amended) Device as claimed in ~~one or more of the preceding claims, characterized in that~~ claim 1, wherein said at least one pusher is carried by a second flexible member ~~(17)~~, driven around a wheel ~~(20)~~ positioned under said path between the flexible member ~~(3)~~ and the fixed longitudinal element ~~(13)~~, the second flexible member defining a closed path along which said at least one pusher is made to advance.

16. (Currently Amended) Device as claimed in claim 15, ~~characterized in that~~ wherein a channel ~~(11)~~ is positioned upstream of said fixed longitudinal element to feed the products pushed by said at least one pusher ~~(15)~~.

17. (Currently Amended) Device as claimed in ~~one or more of the preceding claims,~~ characterized in that claim 1, wherein said fixed longitudinal element ~~is produced in~~ comprises a synthetic material with a low friction coefficient.

18. (Currently Amended) Device as claimed in claim 17, ~~characterized in that~~ wherein said ~~fixed longitudinal element~~ synthetic material ~~is produced in~~ polytetrafluoroethylene (Teflon).

19. (Currently Amended) Device as claimed in ~~one or more of the preceding claims,~~ characterized in that claim 1, wherein said fixed longitudinal element has a laminar extension, with a rounded surface ~~(135)~~ in contact with the products.

20. (Currently Amended) Device as claimed in claim 19, ~~characterized in that~~ wherein said fixed longitudinal element has a reduced height in proximity to the product and trimmings entry position.

21. (Currently Amended) Device as claimed in ~~claims 4 and 20,~~ characterized in that claim 4, wherein in the a

first stretch of said path, in proximity to ~~the~~ a product feed area, said fixed longitudinal element has a rounded form ~~(13A)~~ to allow travel of said at least one pusher.

22. (Currently Amended) Device as claimed in ~~claims 1, 2 or 3, characterized in that:~~ claim 1, wherein said fixed longitudinal element ~~(13)~~ and said flexible member ~~(3)~~ are positioned on opposite sides of a vertical median plane of symmetry of the products fed along said path ~~(12)~~; the distance between said fixed longitudinal element ~~(13)~~ and said flexible member ~~(3)~~ in a plan projection is lower than ~~the~~ a transverse plan dimension of said products; and the dimension and form of said pusher ~~(15)~~ are such that ~~in its~~ during action of said pusher to feed the products to said path between the flexible member and the fixed longitudinal element ~~it~~ the pusher does not interfere with said fixed longitudinal element and said flexible member.

23. (Currently Amended) A cutting machine to cut logs ~~or rolls (L)~~ of web material in into rolls ~~(R)~~, comprising a cutting tool ~~(U)~~ and means to feed the rolls ~~(R)~~, ~~characterized in that it~~ wherein the means to feed the rolls comprises a device to eliminate trimmings ~~(Rfc, Rft)~~ as claimed in one ~~or more of the preceding claims~~ of claims 1-22.